WHAT IS CLAIMED IS

1. An image display device for performing an image processing for an inputted image data, comprising:

a first color correction means which performs a desired color correction for said inputted image data on the basis of a characteristic value of said image display device and by reference to a three-dimensional color correction table, said three-dimensional color correction table being for matching color characteristics of said image display device to reference color characteristics; and

a second color correction means which performs a desired color correction for said inputted image data by reference to a one-dimensional color correction table, said one-dimensional color correction table being for making a color correction according to an external environment.

20020708.090051

2. An image display device according to claim 1, wherein said first color correction means is provided with a rewrite means for rewriting lattice point data of said three-dimensional color correction table on the basis of said characteristic value.

3. An image display device according to claim 1 or claim 2, wherein said one-dimensional color correction table used in said second color correction means is for adjusting the color temperature.

4. An image display device according to any one of claims 1 to 3, wherein said one-dimensional color correction table used in said second color correction means is for correction responsive to a change in brightness of an external illumination.

5. An image display device according to any one of claims 1 to 4, wherein said one-dimensional color correction table used in said second correction means is for correction responsive to a change in color of a projection plane.

10060007.070202

6. An image display device according to any one of claims 1 to 5, wherein said one-dimensional color correction table used in said second color correction means is for correction responsive to a change in color of an external illumination.

7. An image display device according to any one of claims 1 to 6, further comprising means for inputting said characteristic value.

8. An image display device according to any one of claims 1 to 7, which is a projector.

9. An image display device according to any one of claims 2 to 8, wherein the rewrite of lattice point data by said rewrite means is not performed when said characteristic value is a characteristic reference value.

10. An image display method for performing an image processing for an inputted image data, comprising:

a first color correction step which performs a desired color correction for said inputted image data on the basis of a characteristic value of said image display device and by reference to a three-dimensional color correction table, said three-dimensional color correction table being for matching color characteristics of said image display device to reference color characteristics; and

a second color correction step which performs a desired color correction for said inputted image data by reference to a one-dimensional color correction table, said one-dimensional color correction table being for making a color correction according to an external environment.

20020702.070001

11. A computer- program of instructions for execution by the computer to perform an image processing for an inputted image data, said image processing comprising:

a first color correction processing which performs a desired color correction for said inputted image data on the basis of a characteristic value of said image display device and by reference to a three-dimensional color correction table, said three-dimensional color correction table being for matching color characteristics of said image display device to reference color characteristics; and

a second color correction processing which performs a desired color

correction for said inputted image data by reference to a one-dimensional color correction table, said one-dimensional color correction table being for making a color correction according to an external environment.

10090087 020202